ILLINC.041CP1 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Chee, et al.

Appl. No.

09/344,526

Filed

June 24, 1999

For

DECODING OF ARRAY

SENSORS WITH MICROSPHERES

Examiner

Ardin Marschel

Group Art Unit:

1631

RESPONSE AFTER FINAL OFFICE ACTION

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is in response to the final Office Action mailed December 15, 2004 for the above-referenced patent application. Applicants would like to thank the Examiner for the time and courtesy that was extended in the telephonic interview of April 4, 2005. Applicants respectfully request that the Examiner enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Summary of Interview begins on page 7 of this paper.

Remarks/Arguments begin on page 8 of this paper.